PCISOUND7

Instruction Manual

PCI Sound Adapter Card

7.1 Channel PCI Digital Surround Sound Adapter Card - 24-bit

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Packaging Contents

- 1 x PCISOUND7 adapter card
- 1 x Driver CD
- 1 x Instruction Manual

System Requirements

- Available 5V PCI slot
- Microsoft DirectX® 8.1 or later
- Microsoft Windows® 2000/XP/Server 2003/Vista (32/64-bit)

Installation

It is recommended that you remove any previously installed sound card and drivers prior to installing this card to avoid any conflicts. If previously installed drivers are not removed, this sound card may not function properly. (Note: If your computer has on-board sound you will need to disable it on the motherboard. For more information please see your computer's documentation or contact your computer's manufacturer.)

Hardware Installation

1. Turn your computer off and any peripherals connected to the computer (ie. Printers, external hard drives, etc.). Unplug the power cable from the rear of the power supply on the back of the computer.
2. Remove the cover from the computer case.
3. Locate an open PCI slot and remove the metal cover plate on the rear of the computer case.
4. Insert the card into the open PCI slot and screw the bracket to the

rear of the case.

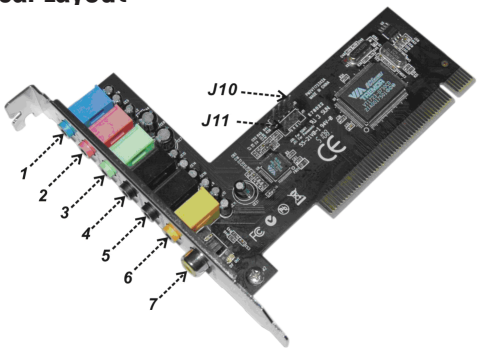
5. Place the cover back onto the computer.
6. Insert the power cable into the socket on the power supply.

Driver Installation

Windows 2000/XP/Server 2003/Vista

1. Start up your computer, and place the Driver CD into the CD-ROM drive.
2. Click the Start button on the taskbar and click Run. Type “D:\SOUND\VT1723\setup.exe”. (Assuming you have placed the CD in CD-ROM drive labeled as D).
3. Follow any on-screen instructions to complete the software installation.
4. Restart your system.
5. Once you have rebooted the computer, the sound card will be ready to use.

Physical Layout



1. **Line In:** Connect to tape/CD/DVD Player, or other audio sources for output mixing and/or recording.
2. **MIC In:** Connect to a microphone.
3. **Line Out:** Connect to a headphone or a speaker. In 4-channel, 6-channel, and 8-channnel configuration, the function of this port becomes Front Speaker Out.
4. **Rear Speaker:** Connect to Rear speakers while in 8 channel mode (via external amplifier).
5. **Surround Speaker:** Connect to Surround (side) speakers while in 4/6/8 channel modes (via external amplifier).
6. **Center/Bass Speaker:** Connect to Center/Bass speakers while in 6/8 channel modes (via external amplifier)
7. **S/PDIF OUT:** The Digital Output jack is an S/PDIF Coaxial output, you can use an RCA cable to connect this to a digital recorder, mixer or surround sound receiver. A 75 Ohm digital coaxial cable is required for this type of connection.

J10: Analog CD/IN header (L-G-G-R)

J11: Analog CD/IN header (G-R-G-L)

Specifications

Bus Interface	PCI rev 2.2 (5V)
External Connectors	6 x 3.5mm mini-jack 1 x RCA
Internal Connectors	2 x Analog CD/IN Header
Chipset	VIA VT1723
Duplex Mode	Full Duplex: 8 output streams, 2 input streams
Maximum Sampling Rate	Playback: 48KHz / 24-bit Recording: 48KHz / 16-bit
Compatible Operating Systems	Windows® 2000/XP/ Server 2003/Vista (32/64-bit)

Technical Support

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Warranty Information

This product is backed by a one year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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